

## HR101CE024 SLIM ELECTROMECHANICAL RELAY, 24VDC, 6A, 1 C/O CONTACT. 24VAC/DC CONTROL WHEN ON HR1XS024 OR HR1XS024S SOCKET



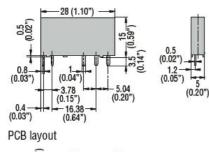
Product designation			SLIM RELAY
Product type designation			HR101C
Contact characteristics			
Contact configuration			1 C/O
Rated insulation voltage Ui IEC/EN		V	250
Rated impulse withstand voltage Uimp		kV	4
IEC Conventional free air thermal current Ith		А	6
Maximum instantaneous current		А	20 (500ms)
Rated current (In)		А	6
Relay control voltage		V	24VDC; 24VAC/DC
UL/CSA and IEC/EN 60947-5-1 designation			B300 – R300
			6A 277VAC; 6A
UL rating			30VDC
Max contrallable power in			
·	AC-1	W	1500
	AC-15	VA	360
Rated operating power AC-1			
		VA	1500
Rated operating power AC-15			
2	230 VAC	VA	360
Single-phase motor control			
	230VAC	kW	0.186
Rated operating current DC-1			
	30V	А	6
	110V	А	0.2
	220V	А	0.12
Minimum switching load		V/mA	5 / 100
Contact impedance		mΩ	100
Contact material			Ag/Ni
Operating times			Ũ
Closing		ms	≤8
Opening		ms	≤4
Operations			
Mechanical life		cycles	1000000
Electrical life AC1		cycles	30000
Coil characteristics			
Average coil consumption DC at 20°C		W	0.2
Operating range			
	Closing	% Un	≥75
	Opening	% Un	≥5
Maximum cycle frequency		cycles/h	10000
Mechanical features		-	
Max socket terminal tightening torque		Nm	0.5
Socket screw tightening tool (cross / flat blade)			PH0 / 3.5mm

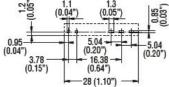
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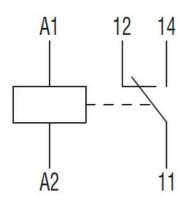
Conductor section AWG/Kcmil 20 min max 16 IEC mm² 0.5 min max mm<sup>2</sup> 1.5 Operating position normal Any On 35mm DIN Fixing rail Ambient conditions Temperature Operating temperature °C min -40 °C +70 max Storage temperature °C min -40 °C +80 max Other features Yes (on the Indication socket) Mechanical contact position indicator No Mechanical test actuator No

Dimensions





## Wiring diagrams



## Certifications and compliance

HR101CE024

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ENERGY AND AUTOMATION

Compliance

	IEC/EN 61810	
Certificates		
	CSA	
	cURus	
	EAC	
	VDE	
ETIM classification		
		EC001427

**ETIM 8.0** 

EC001437 -Switching relay